

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(c), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(c) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on October 29, 2008 has been entered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian R. Epstein on February 5, 2009.

The application has been amended as follows:

In the claim:

"base material;" (claim 2, line 6) has been changed to: --base material to expose a surface of the wiring layer;--.

"core material;" (claim 2, line 10) has been changed to: --core material such that the electroless plating layer covers all the inner wall surface of the via hole and the first electroplating;--.

"conductor layer" (claim 2, line 14) has been changed to: --wiring layer--.

"plating layer" (claim 2, line 14) has been changed to: --plating layer and to completely fill the via hole--.

3. The following is an examiner's statement of reasons for allowance: the prior art references fail to teach or suggest a process for producing an electronic component having a conductor part by "sequentially first electroplating, electroless plating and second electroplating to completely fill the via hole formed by layer irradiation such that the first electroplating by using the wiring layer as an electrode until the core material protruding from the inner wall surface of the via hole is covered" as recited in amended claim 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DONGHAI D. NGUYEN whose telephone number is (571)272-4566. The examiner can normally be reached on Monday-Friday (9:00-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David P. Bryant can be reached on (571)-272-4526. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DN
February 5, 2009

/Donghai D. Nguyen/
Primary Examiner, Art Unit 3729